

ENVIRONMENTAL PROTECTION AGENCY
REGION II
EDISON, NEW JERSEY 08817

REPLY TO
ATTN OF:

2-SA-ER

DATE: May 11, 1976

SUBJECT: Investigation of Spill at Troy Chemical

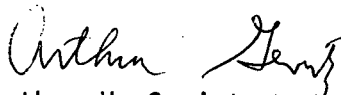
TO:

Michael V. Polito, Chief
Emergency Response & Inspection Branch

A trip was made to Troy Chemical, Avenue L, Newark, New Jersey, at 8:15 a.m., May 11, 1976, concerning a reported spill of Cobalt and Calcium Naphthenoate and mineral spirits on May 7, 1976. The spill occurred in the afternoon according to Mr. Hoffman, Plant Superintendent. The spilled materials were Cobalt Hexoate ($\frac{1}{2}$ gallon) and Calcium Hexoate (2-3 gallons). The Calcium Hexoate is absorbed in soil and is leaking into the creek. I would estimate 2-3 gallons per day is leaking.

A contractor is to give an estimate by today on removing the contaminated earth and searching for the source of the leak from the nearby tank farm. The mineral spirits is the solvent used in these products. The leaks reported by the Coast Guard from an open valve were no longer in evidence.

After checking the SPCC Plan, Mr. Hoffman was informed that Naphthenic acid was an oil and must be included in the SPCC Plan. He indicated it would be.



Arthur H. Gevirtz
Hazardous Substances Spill Response Officer



072136Z MAY 76

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O ZED/COOOTHREE NEW YORK NY
RFD EPA REGION TWO EDISON NJ

1 SOLAS

2 MEF

OLREP TWO AND FINAL MINOR COBALT NAPHTHENE, CALCIUM NAPHTHENE
AND MINERAL SPIRITS SPILLS, TROY CHEMICAL CO. AVE L, NEWARK N.J.

• SITUATION.

A. POLLUTION SITUATION ABATED.

• ACTION TAKEN.

A. STRADA BNS MCKANON AND GMS ABETTA ON SCENE.

B. MCKANON OBSERVED NO POLLUTION IN CREEK. INVESTIGATION REVEALED
HAY CREEK RUNS FROM TROY CHEMICAL TO EXIT 14 OF NEW JERSEY
TURNPIKE (APPROX 2 MILES) THEN INTO STORM DRAIN TO WATER AT HEAD
OF NORTH NEWARK CHANNEL.

C. 071200G BNS MCKANON AND GMS ABETTA DEPARTED.

• FUTURE PLANS AND RECOMMENDATIONS.

A. SEND NOTIFICATION OF VIOLATION TO TROY CHEMICAL CO.

CASE CLOSED VIOLATION REPORT TO FOLLOW.

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DLREP ONE MINOR. COBALT NAPHTHENATE, CALCIUM NAPHTHENATE AND
MINERAL SPIRITS SPILLS, TROY CHEMICAL CO, AVE L NEWARK, N.J.
SITUATION.

A. 061200G RECEIVED A REPORT FROM THE NEW JERSEY DEPT OF ENV.
CONS. OF THE POSSIBILITY OF A MERCURY SALT SEEPAGE PROBLEM AT TROY
CHEMICAL CO, AVE L, NEWARK N.J.

B. CAUSE, POSSIBLE SEEPAGE.

C. AMOUNT, UNKNOWN.

D. ACTION TAKEN.

A. 061330G BM2 MCMAHON, BM2 CORNELIUS AND BM2 BAGBY ON SCENE.

B. HAZMATs MET WITH PLANT SUPER, WHO STATED THAT TROY CHEMICAL HAD
NO SUCH PRODUCT. HAZMATs FOUND NO EVIDENCE OF MERCURY SALT.

C. 061339G HAZMATs CONDUCTED AN INSPECTION AND OBSERVED THE
COBALT NAPHTHENATE FLOWING FROM A PARTIALLY SECURED VALVE OVER THE
DRAIN. THIS DISCHARGE CONTINUED AT A RATE OF 1/2 GAL PER MIN FOR
1 MIN BEFORE BEING SECURED.

D. 061419G IMMEDIATELY FOLLOWING THE COBALT DISCHARGE, HAZMATs
OBSERVED ANOTHER DISCHARGE COMING DOWN STREAM. APPROX 50-75 GALLONS
OF A MIXTURE OF MINERAL SPIRITS AND CALCIUM NAPHTHENATE WERE OBSERVED
IN THE WATER.

E. HAZMATs FOUND SOURCE OF THIS SPILL AS BEING A HOLE IN CONTAINMENT
DIKE AROUND CHEMICAL STORAGE TANKS. LEAK STOPPED AS LEVEL INSIDE DIKE
WAS SUBSIDED.

F. 40 PHOTOGRAPHS TAKEN. 90 SAMPLES TAKEN BY HAZMATs.

G. NO CLEANUP OR CONTAINMENT CONDUCTED BY PLANT PERSONNEL.

H. NO EFFECTIVE ACTION TO ABATE THE SITUATION BEING UNDERTAKEN
BY TROY CHEMICAL.

I. FUTURE PLANS AND RECOMMENDATIONS.

A. HAZMATs TO DETERMINE CREEK RELATION TO NEWARK BAY
THRU NEW JERSEY DEPT OF ENVIRON. CONS. 7 MAY 76

B. IF CREEK LEADS TO NEWARK BAY, HAZMATs TO DISCUSS CLEANUP OF
EFFLUENT WITH TROY CHEMICAL CO.

C. CASE PENDING MESSAGE TO FOLLOW AS DEVELOPMENTS OCCUR.

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